



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

C2-4-4A

Job Sheet 195543



Part No: C2-4-4A

Job Qty: 2 pcs

Part Name: Load Beam Assembly - C2 Hook



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/24/19

Job Tracking No:

Due Date: 5/30/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C2-4-4A / C2-4-4KA Rev. 7 IPP Rev. A 18.09.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
100	Small Fab - 1	2 pcs	5/30/19		0.00	0.13	Small Fab - 1	Michael
							Small Fab - 2	
							Small Fab - 3	
							Small Fab - 4	
							Small Fab - 5	
							Small Fab - 6	
							Small Fab - 7	
110	QC 5	2 pcs	5/30/19		0.00	0.00	QC 5 - 10	
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	
							QC 5 - 50	
							QC 5 - 30	
							QC 5 - 40	
							QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
120	QC 2	2 pcs	5/30/19		0.00	0.00		



1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S184524



Part: C2-4-4A

Job No: 195543

Serial No/Batch: S184524

Revision: 7

Inspector:

Exp Date:

Instructions:

Date: 05/28/19

DAS

MAY 28 2019 40 9-89

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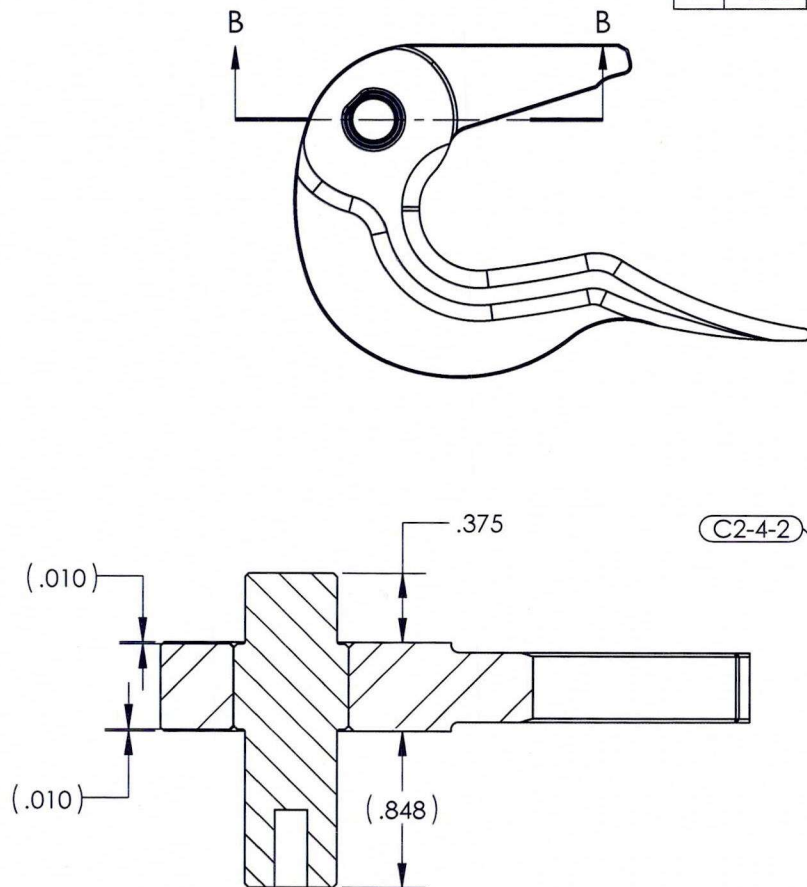
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
150	QC 6	2 pcs	5/30/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
160	Packaging 3-1 - Stock - B4B	2 pcs	5/30/19	0.00 0.00	Packaging 3 - 1 - B4B	MAY 31 2019 DAS 40 9:58 JRB
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
170	QC 21 - FG	2 pcs	5/30/19	0.00 0.00	QC 21 - FG - 21	
					QC 21 - FG - 70	DAS 21 9:59
					QC 21 - SA - 53	MAY 31 2019
Part Op 100 - (Small Fab) Assemble as per DWG						
Descriptions: 110 - (QC5- Inspect part completeness to step on W/O)						
120 - QC2- Inspect parts off machine FAI/FAIB)						
130 - -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade C -Nickel Plate						
.0009-.0011 - Certificate of Conformity is required						
140 - (Receive & Inspect for Damage & Mat'l Certs)						
150 - (QC6- All purchased or subcontracted products)						
160 - (Identify as per dwg & Stock Location: _____)						
170 - (QC21- Final Inspection - Work Order Release)						

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
C2-4-2	Trunnion - C2 Hook	2 pcs (1 ea)	100-Small Fab - 1	5184042
C2-4-4	Load Beam - C2 Hook	2 pcs (1 ea)	100-Small Fab - 1	5174353
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - 1	C2-4-2	2	0	0
	C2-4-4	2	6	0
Part Specifications				
Specifications could not be found.				

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
4		AS DRAWN BY CANAM.	8/22/2012	JAG
5		CHANGED NIKEL PLATE FINISH THICKNESS WAS .001 IS .0009-.0011	1/4/2013	BIM
6		ADDED BAKE NOTE.	12/5/2013	JAG
7	14-0103	C2-4-4A DELETED LASER ENGRAVE NOTE $\triangle 2$	8/8/2014	DPD
				RW



SECTION B-B
SCALE 1 : 1

C2-4-4A

C2 LOAD BEAM ASSY

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 195543 MLW
19 05-24

NOTE:

1. NICKEL PLATE .0009 - .0011, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE C2 LOAD BEAM ASSEMBLIES	
DWG NO. C2-4-4A / C2-4-4KA	REV 7
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: CANAM APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE NOTE 1 SPEC USED ON MODEL
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 11/5/2009
SHEET 2 OF 6	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043565



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043565

PO Date: 5/28/19

Due Date: 6/3/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-05-29

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	195543	C2-4-4A	Load Beam Assembly - C2 Hook -Issue P/O; _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0009-.0011 -Bake after plating -Material type; 4140 -Certificate of Conformity is required	Firmed	-	6/3/19	2 pcs	0 pcs	2 pcs	\$120.00/pcs	\$240.00
2	194591	RBW109-3101-58-1-3	Hammer Head -Issue P/O to Groupe Altech: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Certificate of Conformity is required	Firmed	-	6/3/19	30 pcs	0 pcs	30 pcs	\$3.00/pcs	\$90.00
Grand Total:											\$330.00

DAS
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GRADE 2 CLASS C IS WHAT IS REQUIRED ON THE DRAWINGS

[Handwritten signature]
5.29.19



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PURCHASE ORDER

POHB043565



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/29/19 11:05 AM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(019570-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip

019570- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
31-May-2019		SVETLANA DORZHIYEVA		POHB043565 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C2-4-4A Rev.	C2-4-4A 01 -E-NIC STEEL 500 [E-NICKEL STEEL 500] QQ-N-290 CLASS 2 GRADE C NICKEL PLATE 0.0009-0.0011 THICK	E-NICKEL STEEL CH	2	2	0	0	0
2	RBW109-3101-58-1-3 Rev.	RBW109-3101-58-1-3 01 -ZINC [ZINC] SPÉC: ASTM B633 TYPE 1, SC2 *** SPÉC: CONFORMITY IS REQ. ***	ZINC CH	30	30	0	0	0

RECEIVED
MAY 3 1 2019
DART AEROSPACE LTD.

DA-
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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.